



Client:	PSEG	Date Collected:	03/21/25
Project:	Vauxhall to Elizabeth	Date Received:	03/21/25
Client Sample ID:	FRAC-TANK-A1291	SDG No.:	Q1625
Lab Sample ID:	Q1625-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086083.D	1		03/24/25 19:37	VN032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	6.70		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

Report of Analysis

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GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

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[illegible]

Report of Analysis

Client:	PSEG	Date Collected:	03/21/25
Project:	Vauxhall to Elizabeth	Date Received:	03/21/25
Client Sample ID:	FRAC-TANK-A1291	SDG No.:	Q1625
Lab Sample ID:	Q1625-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
ABZT	Alkylbenzenes, Total	1.50	J		0	ug/L
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.40	J		11.5	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.95	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.58	J		13.5	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.4	J		15.0	ug/L
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	5.90	J		15.2	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	6.10	J		15.3	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	7.90	J		15.4	ug/L
017496-14-9	1H-Inden-1-one, 2,3-dihydro-2-meth	6.90	J		15.8	ug/L
005676-32-4	Benzene, (1-methylenebutyl)-	8.70	J		16.2	ug/L
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	10.4	J		16.5	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products